



CALL IN NUMBER:
PARTICIPANT CODE:

(b) (5), (b) (6)

Project Notes

103 Sawyer Street
New Bedford, MA 02746
508-996-5462
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Client	USACE New Bedford Office	Date	November 30, 2016		
Project	New Bedford Harbor Superfund Site	Project No.	35BG1001		
Prepared By	Steve Sills	Note No.	607		
Subject	New Bedford Harbor - Client Update Meeting				
Participants	(* Denotes Part Time Participation)	Distribution (attendees plus)	See below		
<u>Client</u>	<u>EPA</u>	<u>MassDEP</u>	<u>Jacobs</u>	<u>Battelle</u>	
Ellen Iorio	Dave Dickerson		Anita Rigassio Smith	Jessica Tenzar	
Marie Esten	Elaine Stanley		Steve Sills	Patty White	
Bob Christie	Hoshaiah Barczynski	<u>Sevenson</u>	Steve Fox		
Tim Rezendes	Abdul Tahlil	Joe Mahoney			
Peter Hugh	Ginny Lombardo	Joe Burke			

SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	Areas C and D are still active sites, wear hard hats and vests when walking at the site.
	General preparations for winter work are underway including PPE for crews.
	Due to the increased activity at PMC, truck traffic has increased around Area C. Note that access to the work area is only available through Area C.
Site Maintenance	Jacobs continues normal site maintenance and winterization at the Area C facility.
	The met station will be scheduled for its annual calibration soon.
	Sealing of the pavement at Area D (funded under the 2016 O&M budget) is on hold.

Distribution: Participants; **Jacobs**: Document Control File, Mike Anderson, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Al Hardesty, Sean Healey, Debra Hickman, Alison Hutchinson, Will Kenyon, Kirk Morris, Mike Morris, Jim Piccuito, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Poinciana Willis, Carl Wilson, Mary Wright; **Sevenson**: Mike Crystal, Marcus Dickhut; **USACE**: Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Paiva, Ellen Iorio, Sheila Winston-Vinculla, Peter Hugh, Steve Wolf, Marie Esten, Christine Johnson; **EPA**: Cynthia Catri, David Peterson, Elaine Stanley, Ginny Lombardo, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshaiah Barczynski; **MADEP**: Paul Craffey, Garry Waldeck; **Battelle**: Deirdre Dahlen, Jessica Tenzar, Patricia White, John Lally; **KOMEN**: Debi Heims, John Fitzgerald
ACE-J23-35BG1001-P4-0097



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37C & D & Moby Dick only remaining for IRAC

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JACOBS FIELDWORK
LOWER HARBOR DMUs/CAD CELL (Current 11/16)

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results Due	Confirmation Sampling	Confirmation Sampling Results Due	Progress Bathy Survey	Final Bathy Survey	Date Area Cleared	Notes
A33 & 33A	4,786	4,416	7/1/2016	7/19/2016	11/17/16 (2nd round)	N	N (2nd round)	N			N	Private dock to be removed in Nov
36A	106	106	7/20/2016	7/20/2016	11/3/16							
B33	2,041	1,875	7/28/2016	8/10/2016	8/19/2016	Submitted	Submitted					
35B	9,539	9,042	9/1/2016	9/20/2016	9/26/2016	Submitted	Submitted			Y		
B34	993	887	9/21/2016	9/23/2016	10/14/2016	Submitted	Submitted					
C33	1,479	1,469	9/23/2016	9/28/2016	10/14/2016	Submitted	Submitted					
C34 & D34	1,419	1,415	9/29/2016	10/3/2016	10/14/2016	Submitted	Submitted					
E34 - B35	8,530	7,855			—		—	—	10/24/16	11/18/16	—	"Hopscotch Area" that encompasses the following MU's: A35, B35; A34; E34; F34; G34; H34; I34; J34; and K34 as presented below
E34			9/30/2016	10/3/2016	10/14/2016	Submitted	NA					
F34			10/3/2016	10/4/2016	10/14/2016	Submitted	NA					
G34			10/4/2016	10/5/2016	10/14/2016	Submitted	Submitted					
H34			11/8/2016	11/9/2016	11/17/2016							Dock has been moved
I34			10/6/2016	10/6/2016	11/3/16 11/17/2016 (re-dredge)				10/24/2016			
J34			10/6/2016	10/6/2016	11/17/2016				10/24/2016			
K34			10/7/2016	10/7/2016	11/3/16				10/24/2016			
A34			10/31/2016	11/3/2016	11/17/2016 12/6/16							Heart of Darkness area
A35			10/19/2016	10/20/2016	11/3/16							
B35			10/14/2016	10/20/2016	11/3/16							Dredge to docks
C35	2,852	2,481	10/26/2016	11/8/2016	11/17/2016							Pipe crossing.



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37C												Need to move moorings
37D												Perform with 37C
A36, B36												Moby Dick – waiting for legal approval
CAD Cell	—	—	—	—	—	—	—	—	Week of 10/31	—	—	Track Progress Survey date

OTHER FIELDWORK

Action	Date	Notes
CAD Cell Curtain Inspections	Ongoing	Curtain will be replaced by FFP Contractor at start of contract.
Phase II Archaeological Investigation	Ongoing	Weekly progress reports. Crews back onsite this week.
Shipwreck Geophysical investigation/probing	Scheduling activity	Based on discussions with David Robinson (Archeologist), CR will conduct probing and sub-bottom profile, (if successful). Magnetometer has been eliminated. Anticipate completing the survey after the Thanksgiving holiday at the earliest.
PMC shoreline excavation	Ongoing	Yesterday, (11/29), the PMC excavation activities were initiated. Charette meeting was held on 11/22 between stakeholders (EPA, USACE, CoNB, Jacobs, and SES), to discuss PMC restoration.
Aerovox 21e Project	Ongoing	According to Jacobs (Josh), the excavation and back filling activities have been completed and AVX is waiting for permeability test results prior to paving the excavation areas.
Preparations for Potential dredging at Moby Dick Marina in Lower Harbor	Awaiting access Agreement	EPA (Dave L.) has been working with the Moby Dick Marina on signature of Access Agreement. Jacobs (Mark G.) has been discussing with Moby Dick Marina the # of poles that will have to be replaced. SES (Joe M.) is getting pricing from vendors for the poles, which will be forwarded to USACE (Tim R.).

SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor)	11/2015 and 2/2016	PCB, TSS, Turb	Y	Y	Boat-based WQM was completed on 11/29/2016 in the Lower Harbor and in Pierce Mill Cove on 11/30 and 12/1.



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Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Near shore CDA Verification Sampling	10/14/2016	IA	Y	Y	Sampling was completed at H34, A34, C35, I34, J34 and A33/33A on 11/17 and 11/18.
Near shore CDA Confirmatory Sampling		PCB congener			Prevalidated PCB congener results for confirmatory samples from MUs B33, 35B, C33, B34, C34, D34 and G34 were submitted 11/23/16. MU A34 will be resampled 12/6/16 after re-dredging. WAS

MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Aerovox 21e Project – Phase III RAP	Ongoing	EPA awaiting responses to comments submitted to MassDEP on the Phase III Remedial Action Plan and the IRA status report #7 on 9/19. MassDEP scheduled a meeting with EPA, USACE, and Jacobs on 12/1 (10-12). Second meeting scheduled for 12/8 (10-1) with the same parties and AVX and CoNB.
City of New Bedford Update	Ongoing	<ul style="list-style-type: none">- EPA (Ginny) provided the Draft Final Pierce Mill Cove Intertidal Remediation Plan to the CoNB (Michelle) on 9/21.- Should Michelle be included for charette for PMC?- Final Pierce Mill Cove Plans will be provided to CoNB (Michelle).- EPA (Elaine) to follow up with CoNB (Michelle) about both the Phase III comments for Aerovox and the fencing along the Aerovox shoreline.
Super JTI	Ongoing	On 10/19/2016, met with Jacobs (including subcontractors) and Battelle to discuss program and identify potential positions for program. On 11/9 Jacobs (Steve F & Mark G), USACE (Ellen), and EPA (Dave L.) discussed potential positions. Jacobs (Steve F.) provided table presenting potential positions to EPA (Dave L.). Dave has submitted to EPA JTI Lead.
Cleanup Strategy Meeting	12/15/2016, 9AM	TBD.
Meeting with HDC and Apex	10/26/2016, 11AM	On 10/26, EPA (Dave L.) met with Apex, Jacobs and SES to discuss pipeline relocation and marking, Scow Island, and final surface of Hopscotch areas after dredging. EPA (Dave L) also met with Apex to discuss Scow Island.
NB RR Bridge Replacement	Ongoing	Completed by end of year per Kevin Franklin.

DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B1	Intertidal Phase 2 Study Report – Parcel Maps	Battelle	10/12/16	12/30/16	Dickerson, Lederer	Phase 2 report will be



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						finalized after letters to property owners are finished to ensure consistency.
B2	Intertidal Phase 3 Study Report (includes Phase 4)	Battelle	10/31/16	11/23/16	Lederer, Esten, Hardesty	Comments received from USACE (Esten) and Jacobs (Hardesty).
B3	Final Sediment Report with RTCs <i>► Elaine & Jacobs need to back check comments</i>	Battelle	11/18/2016	12/5/2016	Stanley, Esten, Jacobs	The Final report was posted to the project Sharepoint site on 11/18; a hardcopy was submitted to EPA (Elaine) the week of 11/21. USACE (Esten) has back checked comments; several change pages will be prepared.
B4	Lower Harbor Core Comparison Study – Add <u>dual frequency bathy discussion</u>	Battelle			Esten, White, CR	Memo has been finalized and loaded to the SharePoint site.
B5	Addendum to Phase I Report – (includes Phase 4) <i>► need Elaine & Jacobs comments</i>	Battelle	10/21/16	11/18/16	Esten, Stanley, Rigassio-Smith	
B6	Water Quality Monitoring FSP	Battelle	9/29/2016	11/10	<u>Stanley</u>	Awaiting comments.
B7	2016/2017 Field Season QAPP	Battelle	9/29/2016	11/10	<u>Stanley</u>	USACE comments received 10/18 and verbal comments from Stanley on 10/17. Awaiting written comments from EPA.
B8	Cliftex Field/Data Report	Battelle	11/23/2016	12/9/2016	Lewis, <u>Stanley</u>	
B9	LH FSP Addendum #2 – MUs 37C, 37D, A36, B36	Battelle	Week of 11/28			Draft sample locations sent to USACE and Jacobs on 11/28/16.



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wells have "J" plugs

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B10	2016 Groundwater Monitoring Tech Memo <i>need to be secured (wells)</i>	Battelle	Week of 12/5			
B11	FSP Addendum - PMC intertidal verification/confirmatory sampling	Battelle	Week of 11/28/16			Pending receipt of shape files for design mudflat/subtidal and marsh areas
J1	Aerovox Nearshore Data Gap Boring Report VOC cross sections	Jacobs	Late Dec Early Jan		<u>Stanley</u> , USACE PDT	Stanley provided guidance on how to proceed with update.
J2	Update Aerovox Cost Estimate/Alternatives (current scope)	Jacobs	12/9		Stanley, USACE PDT	Stanley provided guidance on how to proceed with update.
J3	Final Pierce Mill Cove Remediation Plan and RCL comments will be responded to following the receipt of the shoreline survey results.	Jacobs	RLSO by 12/6 or 12/7/16 ✓		Rezendes, Dickerson, Penko, Esten, Coyne	RTCs were submitted on Monday, (11/7). Survey results in progress.
J4	Pierce Mill Cove Restoration Plan	Jacobs	12/9/16 19		Rezendes, Dickerson, Penko, Esten, Coyne	
J5	Pierce Mill Cove subtidal model/volume estimate	Jacobs	12/7/16 14			
J6	Generic LH Work Plan	Jacobs	9/26/2016		Iorio, Esten	RTCs and RLSO submitted 11/18/16.
J7	Between the Bridges	Jacobs	1/3/17	1/13/17	Iorio, Rezendes, Lederer, Lally, Esten	
J8	Moby Dick Marina	Jacobs	11/18/16 (subtidal)	11/23/16	Iorio, Rezendes, Lederer, Esten	Lederer comments received and incorporated. Dredging to start 12/5
J9	Upper Harbor Dredge Plan for LHCC	Jacobs	Working draft sent 11/22 ✓		Iorio, Rezendes, Lederer, Lally, Esten	Comments submitted on 12/5 to Jacobs
J10	Parcel 265 After Action Report <i>RCL</i>	Jacobs	9/14/16 12/31/16	11/10/16	Lombardo	EPA (Ginny) is reviewing comments.
J11	2015 Data Summary Report (DSR)	Jacobs	10/26/16	11/23/16	<u>Stanley</u> , Coleman/Rezendes, Iorio	Awaiting comments.

JACOBS

*backchecking by Friday (Peter)
- Dave L. sending comments (today)*

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J12	FFP - Contract for Mech Dredging in the LH P&S. Finalizing for submittal	Jacobs	12/2/16		Hugh, USACE.PDT, Lederer, Lally	USACE backcheck due 12/9 -
J13	Existing Debris Map for City of NB	Jacobs				Will be completed after debris operations are complete.
J14	2014/2015 Ambient Air Report	Jacobs	10/14/2016	<i>12/16/16</i> 11/14/2016	Lewis, <u>Lederer</u> , AECOM	Awaiting comments.
J15	PCB Aroclor Method for Ambient Air Analysis Comparison <i>- 3 rounds done</i> <i>DL! - good results to date</i> <i>- more dup. Aroclor to come?</i>	Jacobs			Lederer	Duplicate samples were collected and analyzed for both PCB Aroclor method and PCB low resolution Homolog during 9/20 and 10/20 events. Jacobs (Mike M.) distributed preliminary results and awaiting 10/20 high resolution homolog results.
J16	Dive plan for pipe relocation	Jacobs				Jacobs to integrate USACE comments and resubmit
J17	Comprehensive Plan Milestones	Jacobs	<i>12/16/16</i>	---	---	
J17a	Subtidal SWACs Refinement	Jacobs	12/15/16 ✓			
J17b	Present SWAC Refinement, Design Assumptions, Initial Cost Estimates: Intertidal, Subtidal, Aerovox and Cell 1	Jacobs	1/13/17 ✓			Agencies to provide guidance on design and alternative technologies
J17c	Refine Design Assumptions, Updated Cost Estimates, sequencing of work	Jacobs	1/31/17 ✓			Agencies to provide guidance on design and alternative technologies
J17d	Refine Design Assumptions, Updated Cost Estimates, sequencing of work	Jacobs	2/15/16 ✓			Agencies to approve design, costs, and sequencing
U1	CAD Cell Slope Monitoring and Consolidation	USACE	Ongoing	NA	Rezendes	USACE to create cross sections after progress



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						bathy.
E1	Fate and Transport Model	ERDC	Feb 2017		Iorio, USACE PDT, Bergen, Stanley	USACE (Ellen) will check in with Earl.
N1	Coggeshall CSO As-builts	City of NB				Work remains for Spring 2017. As builts will be provided after work is complete.

AIR MONITORING

Event	Samples Collection	Unvalidated Results	Validated results	Notes
August Ambient Air Sampling	8/12 & 8/19/16	Y	Y	
Sept Ambient Air Sampling	9/21/2016	Y	N	Note that the monitoring equipment at Stations 59 (Popes Island) and 66 (Huddleston) were tampered with and samples not collected and submitted for analysis.
Oct Ambient Air Sampling	10/19 and 10/20	Y		The monitoring equipment at Station 66 (Huddleston) was tampered with again and samples not collected and submitted for analysis. Jacobs will set-up a cage this this location for the December sampling event.
Nov Ambient Air Sampling	11/7 and 11/8 (Lower Harbor), 11/10 and 11/11 (PMC)	N		The PMC sampling was pre-excavation.
PMC Ambient Air Sampling	12/1 and 12/2			The initial PMC sampling round will consist of both low resolution and high resolution homolog ambient air sampling methods at four (4) locations.



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RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
17-1 and 17-3/Mike Panagakos	Before dredging of BtB	Subtidal/Intertidal	EPA (Lederer) provided a tentative schedule for mid-2017 through 2018 remediation. Waiting for signed ROE.
Robichaud		Archeology	EPA (Stanley).
PMC - City of NB		Intertidal	EPA (Dickerson) - warning signs along fence line in progress

warning signs up on fence. Will put up kiosk info w/ plexi.

CONTRACT ACTIONS

Contract	Date	Notes
TERC TO #1 Incentive Fees and Closeout	Dec 2016	Final action is with Contracting.
TERC TO# 6, 7, 8 Incentive Fees	Dec 2016	In contracting, lorio to create PR&C
TERC TO# 6, 8 Closeout	Dec 2016	In contracting, lorio to create PR&C.
Bathymetric Survey Contract for FFP Contract	11/29/16	Issue RFP.
FFP Contract for Mechanical Dredging in LH	TBD	Issue RFP.
Site Visit for FFP Contract	TBD	Approx 2-3 weeks after RFP is issued. ~Early December.
Battelle modification	TBD	Include scope to evaluate monitoring well network; EPA (Elaine) yes to OU3 cap and no to NWS monitoring in 2017.
RAC Task Order	12/16/2016	Jacobs proposal due.